

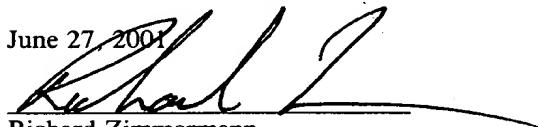
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 29915/6280M
INTERNATIONAL APPLICATION NO. PCT/IB01/00797	INTERNATIONAL FILING DATE 9 May 2001 (9.05.01)	U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 09/869414
TITLE OF INVENTION Alzheimer's Disease Secretase, APP Substrates Therefor, and Uses Therefor		
APPLICANT(S) FOR DO/EO/US Michael Jerome Bienkowski, Mark E. Gurney, Robert Leroy Heinrikson, Luis A. Parodi, Riqiang Yan		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) <ol style="list-style-type: none"> <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input checked="" type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). <input type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). 		
Items 13 to 20 below concern document(s) or information included: <ol style="list-style-type: none"> <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Certificate of Mailing by Express Mail <input checked="" type="checkbox"/> Other items or information: 		
Statement of Sequence Listing		

U.S. APPLICATION NO. (IF KNOWN, SEE REVERSE SIDE)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER																					
09/86944		PCT/IB01/00797	29915/6280M																				
<p>24. The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 80%; vertical-align: top;"> <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1000.00</td> <td style="width: 20%;"></td> </tr> <tr> <td><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$860.00</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$710.00</td> <td></td> </tr> <tr> <td><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$690.00</td> <td></td> </tr> <tr> <td><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00</td> <td></td> </tr> </table> <p style="text-align: center;">ENTER APPROPRIATE BASIC FEE AMOUNT =</p> <p style="text-align: right;">\$710.00</p>			<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1000.00		<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$860.00		<input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$710.00		<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$690.00		<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00		CALCULATIONS PTO USE ONLY										
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<p>Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)).</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 60%; vertical-align: bottom;">□ 20</td> <td style="width: 20%; vertical-align: bottom;">□ 30</td> <td style="width: 20%; vertical-align: bottom; text-align: right;">\$0.00</td> </tr> </table>			□ 20	□ 30	\$0.00																		
□ 20	□ 30	\$0.00																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>- 20 =</td> <td>0</td> <td>x \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>- 3 =</td> <td>0</td> <td>x \$80.00</td> </tr> <tr> <td colspan="3">Multiple Dependent Claims (check if applicable).</td> <td style="text-align: right;"><input type="checkbox"/></td> </tr> <tr> <td colspan="3" style="text-align: center;">TOTAL OF ABOVE CALCULATIONS</td> <td style="text-align: right;">\$710.00</td> </tr> </tbody> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	- 20 =	0	x \$18.00	Independent claims	- 3 =	0	x \$80.00	Multiple Dependent Claims (check if applicable).			<input type="checkbox"/>	TOTAL OF ABOVE CALCULATIONS			\$710.00
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Total claims	- 20 =	0	x \$18.00																				
Independent claims	- 3 =	0	x \$80.00																				
Multiple Dependent Claims (check if applicable).			<input type="checkbox"/>																				
TOTAL OF ABOVE CALCULATIONS			\$710.00																				
<input type="checkbox"/> Applicant claims small entity status. (See 37 CFR 1.27). The fees indicated above are reduced by 1/2.			\$0.00																				
SUBTOTAL = \$710.00																							
<p>Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)).</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 60%; vertical-align: bottom;">□ 20</td> <td style="width: 20%; vertical-align: bottom;">□ 30</td> <td style="width: 20%; vertical-align: bottom; text-align: right;">+</td> </tr> </table>			□ 20	□ 30	+	\$0.00																	
□ 20	□ 30	+																					
TOTAL NATIONAL FEE = \$710.00																							
<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).</p>			<input checked="" type="checkbox"/>																				
TOTAL FEES ENCLOSED = \$750.00																							
			Amount to be: refunded \$ charged \$ 																				
<p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$750.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-2855</u> A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																							
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>																							
<p>SEND ALL CORRESPONDENCE TO:</p> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p>David A. Gass Marshall, O'Toole, Gerstein, Murray & Borun 6300 Sears Tower 233 South Wacker Drive Chicago, Illinois 60606</p> </div>																							
 SIGNATURE																							
<p>David A. Gass NAME 38,153 REGISTRATION NUMBER 6/27/01 DATE</p>																							

00/869414

PATENT
Attorney Docket No. 29915/6280M

IN THE PCT UNITED STATES RECEIVING OFFICE

Applicants:	Bienkowski et al.) "EXPRESS MAIL" mailing label No.
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Int'l App. No.:		I hereby certify that this paper and all
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		PCT, Commissioner for Patents, Washington,
		D.C. 20231, on this date:
		June 27, 2001
		
		Richard Zimmermann

CERTIFICATE OF MAILING BY EXPRESS MAIL

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Sir:

We enclose the following documents in connection with the U.S. national filing of the above-identified application under 35 U.S.C. § 371:

- (1) Transmittal Letter;
- (2) PCT Application No. PCT/IB01/00797 as filed in the International Bureau;
- (3) Sequence Listing and Sequence Listing in computer-readable form;
- (4) Statement regarding Sequence Listing;
- (5) Declaration and Power of Attorney;
- (6) Assignment with cover sheet for recordation; and
- (7) Check in payment of basic fee and fee for recordation of assignment. Any fees due for excess claims will be paid in response to a notice to file missing parts issued by the patent office.

Respectfully submitted,

MARSHALL, O'TOOLE, GERSTEIN,
MURRAY & BORUN

By



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